IN THE CLAIMS

1. (currently amended): A magnet roller having joining faces for joining adjacent magnet pieces to each other, comprising a plurality of magnet pieces mounted at the periphery of a shaft by joining at said joining faces to each other,

wherein, peaks of magnetic poles are generated on lines of extension where the joining faces join to each other by setting the directions of orientation magnetization of each said magnet piece, relative to the adjacent joining face, at ~~an~~ a respective acute angle, wherein two acute angles of the adjacent magnet pieces are adjacent to each other,

by converging the directions of orientation magnetization towards an outside of the magnet roller,

the respective joining faces that are adjacent to each other, of at least one set of adjacent magnet pieces, being made to coincide with roller radial directions.

2-3 (canceled)

4. (currently amended): A magnet roller having joining faces for joining adjacent magnet pieces to each other, comprising a plurality of magnet pieces mounted at the periphery of a shaft by joining at said joining faces to each other,

wherein peaks of magnetic poles are generated on lines of extension where the joining faces join to each other by setting the directions of orientation magnetization of each said magnet piece, relative to the adjacent joining face, at ~~an~~ a respective acute angle, wherein two acute angles of the adjacent magnet pieces are adjacent to each other,

by setting the sum of the adjacent angles of the orientation magnetization directions of said each magnet piece relative to the respective joining face at 80° or less, ~~less than 90°,~~

the respective joining faces that are adjacent to each other, of at least one set of adjacent magnet pieces, being made to coincide with roller radial directions.

5. (canceled without prejudice)

6. (currently amended): The magnet roller according to claim 4,

wherein the sum of the adjacent angles of the orientation magnetization directions of said each magnet piece relative to the respective joining face is set at 30° to 80°.

7. (currently amended): The magnet roller according to claim 4,

wherein the sum of the adjacent angles of the orientation magnetization directions of said each magnet piece relative to the respective joining face is set at 60° to 80°.

8. (previously presented): The magnet roller according to claim 1,

wherein the orientation magnetization directions of the adjacent magnetic pieces converge towards an outside apex of the joining face.